

ABSTRACT OF THE DISCLOSURE

A blood pump having a pump housing and an impeller disposed in the housing and driven by an electric drive includes at least two connection devices directly disposed at the housing for connection to an artery outside the heart such as for example a suture ring or a vascular prosthesis and configured in such a manner to realize a direct connection of the artery to the pump housing, and wherein a pump conduit can be implanted into the aorta ascendens for relieving the left ventricle and in the truncus pulmonalis or into the pulmonalis furcation for relieving the right cardiac ventricle and other blood vessels for improving the blood circulation or elevating the pressure in a certain vascular section.